

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

ENGLISH LANGUAGE DECLARATION

As below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

DISTRIBUTED OPTICAL FIBER SENSOR WITH CONTROLLED RESPONSE

The specification of which

[x] is attached hereto

[] was filed on _____ as

application serial no. _____

and was amended on _____

(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including claims as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Sec. L.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Sec. 119 of any foreign application(s) for patent of inventors certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior foreign application(s)

Priority claimed

(number)	(country)	(date/month/year/filed)	[]	[]
			yes	no

(number)	(country)	(date/month/year/filed)	[]	[]
			yes	no

(number)	(country)	(date/month/year/filed)	[]	[]
			yes	no

I hereby claim the benefit under Title 35, United States Code, Sec. 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner

provided by the first paragraph of Title 35, United States Code, Sec. 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Sec. 1.56(a) which occurred between the filing date of the prior application and the national or PCT filing date of this application:

(Application Serial No.)	(Filing Date)	status (patented pending, abandoned)
(Application Serial No.)	(Filing Date)	status (patented pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18, United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

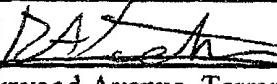
POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

HERBERT M. SHAPIRO; Reg. No. 20578

Send Correspondence to: Herbert M. Shapiro
29091 Pompano Way
Laguna Niguel, CA 92677

Direct Telephone Calls to: Herbert M. Shapiro
Tel: (949) 495-2249 - FAX (949) 495-2020

Full name of sole or first Inventor: Robert A. Lieberman

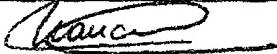
Inventor's Signature:  Date: 6/10/99

Residence: 1309 Florwood Avenue, Torrance, CA 90503-5919

Citizenship U.S.A.

Post Office Address Same

Full name of second Inventor Claudio O. Egalon

Inventor's Signature  Date 06/09/99

Residence 4425 Pacific Coast Hwy, Apt. I-119, Redondo Beach, CA 90505 c.o.e. 06/09/99

Citizenship Brazil USA c.o.e. 06/09/99

Post Office Address P.O. Box 10255, Torrance, CA 90505

VERIFIED STATEMENT CLAIMING SMALL ENTITY STATUS (37 CFR 1.9(f)
&1.27(c))—SMALL BUSINESS CONCERN

Applicant or Patentee: Robert A. Lieberman & Claudio O. Egalon Docket NO. IOS-100

Serial or Patent No.:

Filed or Issued: Concurrently

Title: Distributed Optical Fiber Sensor with Controlled Response

I hereby declare that I am

- The owner of the small business concern identified below;
- An official of the small business concern empowered to act on behalf of the concern identified below;

NAME OF SMALL BUSINESS CONCERN: Intelligent Optical Systems

ADDRESS OF SMALL BUSINESS CONCERN: 2520 W. 237th St., Torrance, CA 90505-5217

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.12, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees to the United States Patent and Trademark Office, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party of parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention described in:

- the specification filed herewith with title as listed above.
- the application identified above
- the patent identified above

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights in the invention must file separate verified statements averring to their status as small entities, and no rights to the invention are held by any person, other than the inventor, who could not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern or organization having any rights in the invention is listed below:

- no such person, concern, or organization exists.
- each such person, concern or organization is listed below.

Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27).

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING: Reuben Sandler

TITLE OF PERSON IF OTHER THAN OWNER: President

ADDRESS OF PERSON SIGNING: 2520 W 237th St., Torrance, CA 90505-5217

SIGNATURE Reuben Sandler DATE 6/9/99



Docket No. 99/100

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Robert A. Lieberman, et al.

Serial No: 09/334,845

Filed: 06/16/99

For: DISTRIBUTED OPTICAL FIBER SENSOR WITH CONTROLLED RESPONSE

Art Unit: 2872

Examiner: J. Henry

Commissioner of Patents and Trademarks
Washington, D.C. 20231

**SUBSTITUTION OF ATTORNEY BY ASSIGNEE
(REVOCATION OF PRIOR POWERS)**

As the named assignee for the above identified application I hereby revoke all powers of attorney previously given to and relieve of all future responsibility by:

Herbert M. Shapiro
29091 Pompano Way
Laguna Niguel, CA 92677

I hereby appoint as principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Lawrence S. Cohen, Reg. No. 25225
Herbert M. Shapiro, Reg. No. 20578

Address all future correspondence to:

Lawrence S. Cohen, Attorney
Intelligent Optical Systems, Inc.
2520 W. 237th Street
Torrance, CA 90505-5217

Intelligent Optical Systems, Inc.

By Reuben Sandler Date 12/4/00
Reuben Sandler, President

I hereby certify that this form or fee is being deposited with the United States Postal Service as first class mail under 37 CFR 1.8 in an envelope addressed to: The Commissioner of Patents and Trademarks, Washington, D.C. 20231 on 12/5/2000

R. Nick